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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet 1 of 12

Complete if Known

Application Number	10/660,996
Filing Date	09/12/2003
First Named Inventor	David J. Ecker
Art Unit	1637
Examiner Name	Jeffrey Norman Fredman
Attorney Docket Number	DIBIS-0002US.P4

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (# known)			
	CP	US-5,484,908	01-16-1996	Fröhler et al.	
	CQ	US-5,502,177	03-26-1996	Matteucci et al.	
	CR	US-5,503,980	04-02-1996	Cantor	
	CS	US-5,527,675	06-18-1996	Coull et al.	
	CT	US-5,580,733	12-03-1996	Levis et al.	
	CU	US-5,625,184	04-29-1997	Vestal et al.	
	CV	US-5,645,985	07-08-1997	Fröhler et al.	
	CW	US-5,686,242	11-11-1997	Bruce et al.	
	CX	US-5,700,642	12-23-1997	Monforte et al.	
	CY	US-5,759,771	06-02-1998	Tilanus	
	CZ	US-5,763,588	07-09-1998	Matteucci et al.	
	DA	US-5,770,367	06-23-1998	Southern et al.	
	DB	US-5,777,324	07-07-1998	Hillenkamp	
	DC	US-5,830,653	11-03-1998	Fröhler et al.	
	DD	US-5,830,655	11-03-1998	Monforte et al.	
	DE	US-5,851,765	12-22-1998	Koster	
	DF	US-5,864,137	01-26-1999	Becker et al.	
	DG	US-5,869,242	02-09-1999	Kamb	
	DH	US-5,871,697	02-16-1999	Rothberg et al.	
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		Country Code ² - Number ⁴ - Kind Code ⁵ (# known)				
	DK	DE19802905	07-29-1999	Bruker Daltonik		
	DL	DE19824280	12-02-1999	Bruker Daltonik		
	DM	DE19852167	05-31-2000	Bruker Saxonia		
	DN	EP1138782	10-14-2001	Bruker Saxonia		
	DO	EP1234888	08-28-2002	Bruker Saxonia		
	DP	EP1333101	08-06-2003	Bruker Daltonik		
	DQ	GB2325002	11-11-1998	Bruker Franzen		
	DR	GB2339905	02-09-2000	Bruker Daltonik		
	DS	WO 93/03186	02-18-1993	Hoffman-La Roche		
	DT	WO 94/16101	07-21-1994	Koster		

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Sheet 2 of 12

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Application Number	10/680,996
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		Number - Kind Code ² (if known)			
	DU	US-5,981,176	11-09-1999	Wallace	
	DV	US-5,994,066	11-30-1999	Bergeron et al.	
	DW	US-6,001,564	12-14-1999	Bergeron et al.	
	DX	US-6,005,096	12-21-1999	Matteucci et al.	
	DY	US-6,007,992	12-28-1999	Lin et al.	
	DZ	US-6,028,183	02-22-2000	Lin et al.	
	EA	US-6,046,005	04-04-2000	Ju et al.	
	EB	US-6,051,378	04-18-2000	Monforte et al.	
	EC	US-6,054,278	04-25-2000	Dodgson et al.	
	ED	US-6,074,823	06-13-2000	Koster	
	EE	US-6,090,558	07-18-2000	Butler et al.	
	EF	US-6,104,028	08-15-2000	Hunter et al.	
	EG	US-6,111,251	08-29-2000	Hillenkamp	
	EH	US-6,140,053	10-31-2000	Koster	
	EI	US-6,146,144	11-14-2000	Fowler et al.	
	EJ	US-6,153,389	11-28-2000	Haarer et al.	
	EK	US-6,159,681	12-12-2000	Zebala	
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		Country Code ⁴ - Number ⁵ - Kind Code ⁶ (if known)				
	EO	WO 94/21822	09-24-1994	Koster		
	EP	WO 96/29431	09-26-1996	Sequenom		
	EQ	WO 96/32504	10-17-1996	Trust. of Boston		
	ER	WO 96/37630	11-28-1996	SRI International		
	ES	WO 98/03684	01-29-1998	Hybridon Inc.		
	ET	WO 98/14616	04-09-1998	Perceptive Bio.		
	EU	WO 98/15652	04-16-1998	Brax Genomics		
	EV	WO 98/20020	05-14-1998	Sequenom Inc.		
	EW	WO 98/20157	05-14-1998	Infectio Diagnost.		
	EX	WO 98/26095	06-18-1998	Genetrace Sys.		

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3

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Art Unit	1637
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		Number - Kind Code ² (if known)			
	BY	US-6,218,118	04-17-2001	Sampson et al.	
	EZ	US-6,221,601	04-24-2001	Koster et al.	
	FA	US-6,221,605	04-24-2001	Koster	
	FB	US-6,225,450	05-01-2001	Koster	
	FC	US-6,235,476	05-22-2001	Bergmann et al.	
	FD	US-6,235,478	05-22-2001	Koster	
	FE	US-6,235,480	05-22-2001	Shultz et al.	
	FF	US-6,238,871	05-29-2001	Koster	
	FG	US-6,238,927	05-29-2001	Abrams et al.	
	FH	US-6,258,538	07-10-2001	Koster et al.	
	FI	US-6,265,716	07-24-2001	Hunter et al.	
	FJ	US-6,268,129	07-31-2001	Gut et al.	
	FK	US-6,268,131	07-31-2001	Kang et al.	
	FL	US-6,268,144	07-31-2001	Koster	
	FM	US-6,268,146	07-31-2001	Shultz et al.	
	FN	US-6,270,973	08-07-2001	Lewis et al.	
	FO	US-6,270,974	08-07-2001	Shultz et al.	
	FP	US-6,277,573	08-21-2001	Koster	
	FQ	US-6,277,578	08-21-2001	Shultz et al.	
	FR	US-6,300,076	10-09-2001	Koster	

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		Country Code ⁴ - Number ⁴ - Kind Code ⁵ (if known)				
	FS	WO 98/1830	07-23-1998	Brax Genomics		
	FT	WO 98/40520	09-17-1998	Hybridon Inc.		
	FU	WO 99/05319	02-04-1999	Rapigene, Inc.		
	FV	WO 99/29898	06-17-1999	Max-Planck		
	FW	WO 99/57318	11-11-1999	Sequenom Inc.		
	FX	WO 01/07648	02-01-2001	Artus Gesell.		
*	FY	WO 01/23604	04-05-2001	Infectio Diagnost.		
	FZ	WO 01/32930	05-10-2001	California Instit.		
	GA	WO 01/51661	07-19-2001	Amsterdam Support		
	GB	WO 01/57263	08-09-2001	Advion Biosci.		

* A copy of this reference will not be forwarded to the U.S. Patent and Trademark Office since it is believed to be too voluminous and easily obtainable by the Examiner.

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Sheet

4

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Filing Date	09/12/2003
First Named Inventor	David J. Ecker
Art Unit	1637
Examiner Name	Jeffrey Norman Fredman
Attorney Docket Number	DIBIS-0002US.P4

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		Number - Kind Code ² (if known)			
	GC	US-6,312,895	11-06-2001	Van Ness et al.	
	GD	US-6,312,902	11-06-2001	Shultz et al.	
	GE	US-6,361,940	03-26-2002	Van Ness et al.	
	GF	US-6,372,424	04-16-2002	Brow et al.	
	GG	US-6,391,551	05-21-2002	Shultz et al.	
	GH	US-6,423,966	07-23-2002	Hillenkamp et al.	
	GI	US-6,428,955	08-06-2002	Koster et al.	
	GJ	US-6,432,651	08-13-2002	Hughes et al.	
	GK	US-6,436,635	08-20-2002	Fu et al.	
	GL	US-6,436,640	08-20-2002	Simmons et al.	
	GM	US-6,458,533	10-01-2002	Felder et al.	
	GN	US-6,468,748	10-22-2002	Monforte et al.	
	GO	US-6,475,736	11-05-2002	Stanton, Jr.	
	GP	US-6,479,239	11-12-2002	Anderson et al.	
	GQ	US-6,500,621	12-31-2002	Koster	
	GR	US-6,558,902	05-06-2003	Hillenkamp	
	GS	US-6,566,055	05-20-2003	Monforte et al.	
	GT	US-6,582,916	06-24-2003	Schmidt et al.	
	GU	US-6,589,485	07-08-2003	Koster	

FOREIGN PATENT DOCUMENTS

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		Country Code ⁴ - Number ⁴ - Kind Code ⁵ (if known)				
	GV	WO 02/10786	02-07-2002	California Inst.		
	GW	WO 02/18641	03-07-2002	Sequenom-Gemini		
	GX	WO 02/21108	03-14-2002	Large Scale		
	GY	WO 02/50307	06-27-2002	Chugai Seiyaku		
	GZ	WO 02/57491	07-25-2002	Board of Trustees of the Leland		
	HA	WO 02/077278	10-03-2002	Council of Scientific		
	HB	WO 02/099034	12-12-2002	Infection Diagnostic		
	HC	WO 03/002750	01-09-2003	High Throughput		
	HD	WO 03/008636	01-30-2003	Infectio Diagnost.		
	HE	WO 03/016546	02-27-2003	Flinders Technol.		

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	HF	US-6,602,662	08-05-2003	Koster	
	HG	US-6,605,433	08-12-2003	Fliss et al.	
	HH	US-6,623,928	09-23-2003	Van Ness et al.	
	HI	US-6,682,889	08-12-2003	Fliss et al.	
	HJ	US-6,716,634	04-06-2004	Myerson	
	HK	US-2002/0045178	04-18-2002	Cantor et al.	
	HL	US-2002/0137057	09-26-2002	Wold et al.	
	HM	US-2002/0150903	10-17-2002	Koster	
	HN	US-2002/0150927	10-17-2002	Matray et al.	
	HO	US-2002/0168630	11-14-2002	Fleming et al.	
	HP	US-2003/0017487	01-23-2003	Yde et al.	
	HQ	US-2003/0039976	02-27-2003	Haff	
	HR	US-2003/0064483	04-03-2003	Shaw et al.	
	HS	US-2003/0073112	04-17-2003	Zhang et al.	
	HT	US-2003/0113745	06-19-2003	Monforte et al.	
	HU	US-2003/0129589	07-10-2003	Koster et al.	
	HV	US-2003/0134312	07-17-2003	Burgoyne	
	HW	US-2003/0148284	08-07-2003	Vision et al.	
	HX	US-2003/0175729	09-18-2003	Van Eijk et al.	
	HY	US-2003/0194699	10-16-2003	Lewis et al.	
	HZ	US-2003/0203398	10-30-2003	Bramucci et al.	
	IA	US-2003/0220844	11-27-2003	Marnellos et al.	
	IB	US-2004/0005555	01-08-2004	Rothman et al.	
	IC	US-2004/0038206	02-26-2004	Zhang et al.	
	ID	US-2004/0038234	02-26-2004	Gut et al.	
	IE	US-2004/0038385	02-26-2004	Langlois et al.	

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	IF	WO 03/060163	07-24-2003	Keygene N.V.		
	IG	WO 03/088979	10-30-2003	Centre National		
	IH	WO 03/097869	11-27-2003	Con/Cipio GmbH		

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NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	II	BAHRMAND, A. R. et al., "Use of restriction enzyme analysis of amplified DNA coding for the hsp65 gene and polymerase chain reaction with universal primer for rapid differentiation of mycobacterium species in the clinical laboratory," <i>Scand. J. Infect. Diseases</i> (1998) 30(5):477-80.	
	IJ	BAHRMAND, A. R. et al., "Polymerase chain reaction of bacterial genomes with single universal primer: application to distinguishing mycobacteria species," <i>Mol. Cell. Probes</i> (1996) 10(2):117-122.	
	IK	BASTIA, T. et al., "Organelle DNA analysis of Solanum and Brassica somatic hybrids by PCR with 'universal primers'," <i>Theoretical and Applied Genetics</i> (2001) 102(8):1265-1272.	
	IL	BOIVIN-JAHNS, V. et al., "Bacterial Diversity in a Deep-Subsurface Clay Environment," <i>Appl. Environ. Microbiol.</i> (1996) 62(9):3405-3412.	
	IM	BOWEN, J. E. et al., "The native virulence plasmid combination affects the segregational stability of a theta-replicating shuttle vector in <i>Bacillus anthracis</i> var. New Hampshire," <i>J Appl Microbiol.</i> (1999) 87(2):270-278.	
	IN	CESPEDES, A. et al., "Polymerase chain reaction restriction fragment length polymorphism analysis of a short fragment of the cytochrome b gene for identification of flatfish species," <i>J. Food Protection</i> (1998) 61(12):1684-1685.	
	IO	CHEN, C. A. et al., "Universal primers for amplification of mitochondrial small subunit ribosomal RNA-encoding gene in scleractinian corals," <i>Marine Biotech.</i> (2000) 2(2):146-153.	
	IP	CHO, M. et al., "Application of the ribonuclease P (RNase P) RNA gene sequence for phylogenetic analysis of the genus <i>Saccharomonospora</i> ," <i>Internat. J. of Sys. Bacteriol.</i> (1998) 48:1223-1230.	
	IQ	CORNEL, A. J. et al., "Polymerase chain reaction species diagnostic assay for <i>Anopheles quadrimaculatus</i> cryptic species (Diptera: Culicidae) based on ribosomal DNA ITS2 sequences," <i>Journal of Medical Entomology</i> (1996) 33(1):109-116.	
	IR	CRAIN, P. F. et al., "Applications of mass spectrometry to the characterization of oligonucleotides and nucleic acids," <i>Curr Opin Biotechnol</i> (1998) 9(1):25-34.	
	IS	CRESPILLO, M. et al., "Mitochondrial DNA sequences for 118 individuals from northeastern Spain," <i>Int. J. Legal Med.</i> (2000) 114:130-132.	
	IT	DEFORCE, D. L. et al., "Analysis of oligonucleotides by ESI-MS," <i>Advances in Chromatography</i> (2000) 40:539-566.	

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Sheet 7 of 12

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Application Number	10/660,996
Filing Date	09/12/2003
First Named Inventor	David J. Ecker
Art Unit	1637
Examiner Name	Jeffrey Norman Fredman
Attorney Docket Number	DIBIS-0002US.P4

NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	IU	DIAS NETO, E. et al., "Shotgun sequencing of the human transcriptome with ORF expressed sequence tags," <i>PNAS</i> (2000) 97(7):3491-3496.	
	IV	DINAUER, D. M. et al., "Sequence-based typing of HLA class II DQB1," <i>Tissue Antigens</i> (2000) 55(4):364-368.	
	IW	DUBERNET, S. et al., "A PCR-based method for identification of Lactobacilli at the genus level," <i>FEMS Microbiology Letters</i> (2002) 214(2):271-275.	
	IX	FIGUEIREDO, L. T. M. et al., "Identification of Brazilian Flaviviruses by a simplified reverse transcription-polymerase chain reaction method using Flavivirus universal primers," <i>American Journal of Tropical Medicine and Hygiene</i> (1998) 59(3):357-362.	
	IY	FOX, A. et al., "Identification and detection of bacteria: electrospray MS-MS versus derivatization/GC-MS," <i>Proceedings of the ERDEC Scientific Conference on Chemical and Biological Defense Research</i> (1994) Aberdeen Proving Ground, Md., Nov. 15-18, p. 39-44.	
	IZ	FUJIOKA, S. et al., "Analysis of enterovirus genotypes using single-strand conformation polymorphisms of polymerase chain reaction products," <i>J. Virol. Meth.</i> (1995) 51:253-258.	
	JA	GATTERMANN, N. et al., "Heteroplasmic Point Mutations of Mitochondrial DNA Affecting Subunit I of Cytochrome c Oxidase in Two Patients with Acquired Idiopathic Sideroblastic Anemia," <i>Blood</i> (1997) 90(12):4961-4972.	
	JB	GRIFFIN, T. J. et al., "Single-nucleotide polymorphism analysis by MALDI-TOF mass spectrometry," <i>Trends in Biotechnology</i> (2000) 18(2):77-84.	
	JC	HAHNER, S. et al., "Analysis of short tandem repeat polymorphisms by electrospray ion trap mass spectrometry," <i>Nucleic Acids Res.</i> (2000) 28(18):E82.	
	JD	HANNIS, J. C. et al., "Genotyping complex short tandem repeats using electrospray ionization Fourier transform ion cyclotron resonance multistage mass spectrometry," <i>Proceedings of SPIE-The International Society for Optical Engineering</i> (2000) 3926:36-47.	
	JE	HENCHAL, E. A. et al., "Sensitivity and specificity of a universal primer set for the rapid diagnosis of dengue virus infections by polymerase chain reaction and nucleic acid hybridization," <i>American Journal of Tropical Medicine and Hygiene</i> (1991) 45(4):418-428.	
	JF	HERDMANN, B. et al., "Differentiation of <i>Chlamydia</i> spp. by Sequence Determination and Restriction Endonuclease Cleavage of RNase P RNA Genes," <i>J. Clin. Microbiol.</i> (1996) 34(8):1897-1902.	

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Sheet 8 of 12

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Application Number	10/660,996
Filing Date	09/12/2003
First Named Inventor	David J. Ecker
Art Unit	1637
Examiner Name	Jeffrey Norman Fredman
Attorney Docket Number	DIBIS-0002US.P4

NON PATENT LITERATURE DOCUMENTS

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	JG	HIGGINS, O. S. et al., "Competitive oligonucleotide single-base extension combined with mass spectrometric detection for mutation screening," <i>BioTechniques</i> (1997) 23(4):710-714.	
	JH	HONDA, K. et al., "Universal method of hypersensitive nested PCR toward forensic DNA typing," <i>International Congress Series</i> (1998) 7:28-30.	
	JJ	HURST, G. B. et al., "MALDI-TOF analysis of polymerase chain reaction products from methanotrophic bacteria," <i>Anal. Chem.</i> (1998) 70(13):2693-2698.	
	JJ	JOHNSON, Y. A. et al., "Precise molecular weight determination of CPR products of the rRNA intergenic spacer region using electrospray quadrupole mass spectrometry for differentiation of <i>B. subtilis</i> and <i>B. atrophaeus</i> , closely related species of bacilli," <i>J. Microbiol. Methods</i> (2000) 40(3):241-254.	
	JK	JURINKE, C. et al., "Detection of hepatitis B virus DNA in serum samples via nested PCR and MALDI-TOF mass spectrometry," <i>Genetic Analysis: Biomolecular Engineering</i> (1996) 13:67-71.	
	JL	KILPATRICK, D. R. et al., "Group-Specific Identification of Polioviruses by PCR Using Primers Containing Mixed-Base or Deoxymosine Residues at Positions of Codon Degeneracy," <i>J. Clin. Microbiol.</i> (1996) 34(12):2990-2996.	
	JM	KRAHMER, M. T. et al., "Electrospray quadrupole mass spectrometry analysis of model oligonucleotides and polymerase chain reaction products: determination of base substitutions, nucleotide additions/deletions, and chemical modifications," <i>Anal. Chem.</i> (1999) 71(14):2893-2900.	
	JN	KRAHMER, M. T. et al., "MS for identification of single nucleotide polymorphisms and MS/MS for discrimination of isomeric PCR products," <i>Anal. Chem.</i> (2000) 72(17):4033-4040.	
	JO	LACROIX, J.-M. et al., "PCR-based technique for the detection of bacteria in semen and urine," <i>J. Microbiol. Methods</i> (1996) 26:61-71.	
	JP	LEIF, H. et al., "Isolation and characterization of the proton-translocating NADH: ubiquinone oxidoreductase from <i>Escherichia coli</i> ," <i>Eur. J. Biochem.</i> (1995) 230(2):538-548.	
	JQ	LI, J. et al., "Single nucleotide polymorphism determination using primer extension and time-of-flight mass spectrometry," <i>Electrophoresis</i> (1999) 20(6):1258-1265.	
	JR	LIU, Y. et al., "An unusual gene arrangement for the putative chromosome replication origin and circadian expression of <i>dnaN</i> in <i>Synechococcus</i> sp. strain PCC 7942," <i>Gene</i> (1996) 172(1):105-109.	

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Sheet 9 of 12

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Application Number	10/660,996
Filing Date	09/12/2003
First Named Inventor	David J. Ecker
Art Unit	1637
Examiner Name	Jeffrey Norman Fredman
Attorney Docket Number	DIBIS-0002US.P4

NON PATENT LITERATURE DOCUMENTS

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	JS	LOAKES, D. et al., "Nitroindoles as Universal Bases," <i>Nucleosides Nucleotides</i> (1995) 14:1001-1003.	
	JT	LOVE, B. C. et al., "Cloning and sequence of the <i>groESL</i> heat-shock operon of <i>Pasteurella multocida</i> ," <i>Gene</i> (1995) 166(1):179-180.	
	JU	MAIWALD, M. et al., "Characterization of contaminating DNA in Taq polymerase which occurs during amplification with a primer set for <i>Legionella</i> 5S ribosomal RNA," <i>Mol. Cell. Probes</i> (1994) 8(1):11-14.	
	JV	MARTEMYANOV, K. A. et al., "Extremely Thermostable Elongation Factor G from <i>Aquifex aeolicus</i> : Cloning, Expression, Purification, and Characterization in a Heterologous Translation System," <i>Protein Expr. Purif.</i> (2000) 18(3):257-261.	
	JW	MATRAY, T. J. et al., "Synthesis and properties of RNA analogs - oligoribonucleotide N3'→P5' phosphoramidates," <i>Nucleic Acids Res.</i> (1999) 27(20):3976-3985.	
	JX	MESSMER, T. O. et al., "Discrimination of <i>Streptococcus pneumoniae</i> from other upper respiratory tract streptococci by arbitrarily primed PCR," <i>Clin. Biochem.</i> (1995) 28(6):567-572.	
	JY	MORSE, R. et al., "Nucleotide Sequence of Part of the <i>ropC</i> Gene Encoding the β' Subunit of DNA-Dependent RNA Polymerase from some Gram-Positive Bacteria and Comparative Amino Acid Sequence Analysis," <i>System Appl. Microbiol.</i> (1996) 19:150-157.	
	JZ	MUDDIMAN, D. C. et al., "Application of secondary ion and matrix-assisted laser desorption-ionization time-of-flight mass spectrometry for the quantitative analysis of biological molecules," <i>Mass Spectrometry Reviews</i> (1996) 14(6):383-429.	
	KA	MUDDIMAN, D. C. et al., "Important aspects concerning the quantification of biomolecules by time-of-flight secondary-ion mass spectrometry," <i>Applied Spectroscopy</i> (1996) 50(2):161-166.	
	KB	MUHAMMAD, W. T. et al., "Electrospray ionization quadrupole time-of-flight mass spectrometry and quadrupole mass spectrometry for genotyping single nucleotide substitutions in intact polymerase chain reaction products in K-ras and p53," <i>Rapid Commun. Mass Spectrom.</i> (2002) 16(26):2278-2285.	
	KC	MUSHEGIAN, A. R. et al., "A minimal gene set for cellular life derived by comparison of complete bacterial genomes," <i>Proc. Natl. Acad. Sci. USA</i> (1996) 93(19):10268-10273.	
	KD	NAKAO, H. et al., "Development of a Direct PCR Assay for Detection of the Diphtheria Toxin Gene," <i>J. Clin. Microbiol.</i> (1997) 35(7):1651-1655.	

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Sheet 10 of 12

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Application Number	10/660,996
Filing Date	09/12/2003
First Named Inventor	David J. Ecker
Art Unit	1637
Examiner Name	Jeffrey Norman Fredman
Attorney Docket Number	DIBIS-0002US.P4

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	KE	NAUMOV, S. I. et al., "Discrimination between the soil yeast species <i>Williopsis satumus</i> and <i>Williopsis suavis</i> by the polymerase chain reaction with the universal primer N21," <i>Microbiology (Moscow)</i> (Translation of <i>Mikrobiologiya</i>) (2000) 69(2):225-233.	
	KF	NISHIKAWA, T. et al., "Reconstitution of active recombinant Shiga toxin (Stx)1 from recombinant Stx1-A and Stx1-B subunits independently produced by <i>E. coli</i> clones," <i>FEMS Microbiol. Lett.</i> (1999) 178:13-18.	
	KG	REID, S. M. et al., "Primary diagnosis of foot-and-mouth disease by reverse transcription polymerase chain reaction," <i>Journal of Virological Methods</i> (2000) 89(1-2):167-176.	
	KH	REILLY, K. et al., "Design and use of 16S ribosomal DNA-directed primers in competitive PCRs to enumerate proteolytic bacteria in the rumen," <i>Microbiol. Ecol.</i> (2002) 43(2):259-270.	
	KI	ROSS, P. L. et al., "Analysis of DNA fragments from conventional and microfabricated PCR devices using delayed extraction MALDI-TOF mass spectrometry," <i>Anal. Chem.</i> (1998) 70(10):2067-2073.	
	KJ	SALA, M. et al., "Ambiguous base pairing of the purine analogue 1-(2-deoxy- β -D-ribofuranosyl)-imidazole-4-carboxamide during PCR," <i>Nucleic Acids Res.</i> (1996) 24(17):3302-6.	
	KK	SAUER, S. et al., "A novel procedure for efficient genotyping of single nucleotide polymorphisms," <i>Nucleic Acids Res.</i> (2000) 28(5):E13.	
	KL	SCHRAM, K. H., "Mass Spectrometry of Nucleic Acid Components," <i>Biomedical Applications of Mass Spectrometry</i> (1990) 24:203-280.	
	KM	SCHULTZ, J. C. et al., "Polymerase chain reaction products analyzed by charge detection mass spectrometry," <i>Rapid Communications in Mass Spectrometry</i> (1999) 13(1):15-20.	
	KN	SESHADRI, R. et al., "Differential Expression of Translational Elements by Life Cycle Variants of <i>Coxiella burnetii</i> ," <i>Infect. Immun.</i> (1999) 67(11):6026-6033.	
	KO	SHAVER, Y. J. et al., "Variation in 16S-23S rRNA intergenic spacer regions among <i>Bacillus subtilis</i> 168 isolates," <i>Molecular Microbiology</i> (2001) 42(1):101-109.	
	KP	TAKAHASHI, H. et al., "Characterization of <i>gyrA</i> , <i>gyrB</i> , <i>griA</i> and <i>griB</i> mutations in fluoroquinolone-resistant clinical isolates of <i>Staphylococcus aureus</i> ," <i>J. Antimicrob. Chemother.</i> (1998) 41(1):49-57.	
	KQ	TONG, J. et al., "Ligation reaction specificities of an NAD ⁺ -dependent DNA ligase from the hyperthermophile <i>Aquifex aeolicus</i> ," <i>Nucleic Acids Res.</i> (2000) 28(6):1447-1454.	

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Sheet 11 of 12

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Application Number	10/660,996
Filing Date	09/12/2003
First Named Inventor	David J. Ecker
Art Unit	1637
Examiner Name	Jeffrey Norman Fredman
Attorney Docket Number	DIBIS-0002US.P4

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	KR	VAN AERSCHOT, A. et al., "In search of acyclic analogues as universal nucleosides in degenerate probes," <i>Nucleosides & Nucleotides</i> (1995) 14(3-5):1053-1056.	
	KS	VAN BAAR, B. L., "Characterisation of bacteria by matrix-assisted laser desorption/ionisation and electrospray mass spectrometry," <i>FEMS Microbiol. Rev.</i> (2000) 24(2):193-219.	
	KT	VAN CAMP, G. et al., "Amplification and sequencing of variable regions in bacterial 23S ribosomal RNA genes with conserved primer sequences," <i>Curr. Microbiol.</i> (1993) 27(3):147-151.	
	KU	VAN ERT, M. N. et al., "Mass spectrometry provides accurate characterization of two genetic marker types in <i>Bacillus anthracis</i> ," <i>Biotechniques</i> (2004) 37(4):642-651.	
	KV	WALTERS, J. J. et al., "Genotyping single nucleotide polymorphisms using intact polymerase chain reaction products by electrospray quadrupole mass spectrometry," <i>Rapid Commun. Mass Spectrom.</i> (2001) 15(18):1752-1759.	
	KW	WELHAM, K. J. et al., "The Characterization of Micro-organisms by Matrix-assisted Laser Desorption/Ionization Time-of-flight Mass Spectrometry," <i>Rapid Commun. Mass Spec.</i> (1988) 12:176-180.	
	KX	WIDJOJOATMODJO, M. N. et al., "Rapid identification of bacteria by PCR-single-strand conformation polymorphism," <i>J. Clin. Microbiol.</i> (1994) 32(12):3002-3007.	
	KY	WOLTER, A. et al., "Negative Ion FAB Mass Spectrometric Analysis of Non-Charged Key Intermediates in Oligonucleotide Synthesis: Rapid Identification of Partially Protected Dinucleoside Monophosphates," <i>Biomed. Environ. Mass Spectrom.</i> (1987) 14:111-116.	
	KZ	WOO, T. H. S. et al., "Identification of <i>Leptospira inadai</i> by continuous monitoring of fluorescence during rapid cycle PCR," <i>Systematic and Applied Microbiology</i> (1998) 21(1):89-96.	
	LA	WUNSCHER, D. et al., "Discrimination among the <i>B. cereus</i> group, in comparison to <i>B. subtilis</i> , by structural carbohydrate profiles and ribosomal RNA spacer region PCR," <i>Systematic and Applied Microbiology</i> (1995) 17(4):625-635.	
	LB	WUNSCHER, D. S. et al., "Analysis of double-stranded polymerase chain reaction products from the <i>Bacillus cereus</i> group by electrospray ionization Fourier transform ion cyclotron resonance mass spectrometry," <i>Rapid Communications in Mass Spectrometry</i> (1996) 10(1):29-35.	
	LC	YAO, Z.-P. et al., "Mass Spectrometry-Based Proteolytic Mapping for Rapid Virus Identification," <i>Anal. Chem.</i> (2002) 74(11):2529-2534.	

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First Named Inventor	David J. Ecker
Art Unit	1637
Examiner Name	Jeffrey Norman Fredman
Attorney Docket Number	DIBIS-0002US.P4

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